

Amendments to the Specification:

Please replace the paragraph beginning on page 1, line 5 with the following rewritten paragraph:

This application is related to U.S. application serial number 10/721,121 filed November 25, 2003 by Michael Thomas Regan and Robert Michael Pepper, ~~the same inventors on even date herewith and~~ entitled "Printing Apparatus and Method with Improved Control of Humidity and Temperature."

Please replace the paragraph beginning on page 8, line 10 with the following rewritten paragraph:

With reference now to the flowchart 200 of Figure 5 in step 210, temperature (T) and humidity, preferably -relative humidity (RH) are sensed by sensors 38 and signals representing same are communicated to the microprocessor 95. In step 220 the microprocessor determines whether or not the temperature and relative humidity are within the target space. As noted above the target space is generally a predetermined area in the temperature, relative humidity coordinate space and may be represented and stored in memory by values defining the boundaries thereof. For example in the illustration of Figure 3 the target space is represented by an area wherein the relative humidity is from about 50 percent to 70 percent and the temperature is in the range of 70 degrees Fahrenheit to 84 degrees Fahrenheit. Of course, other areas and not necessarily rectangular ones, may be used to define the target space. If both temperature and relative humidity are within the ranges defined by the target space, no additional heating or additions of moisture to the airstream are needed. However, if the determination in step 220 is that a change is needed to temperature and/or relative humidity to place both the temperature and relative humidity in the target area or space then, depending upon the current condition of temperature and relative humidity and the minimum change needed to reach target space, temperature and/or relative humidity may be changed or adjusted in accordance with the determination, step ~~240~~230. The changes or adjustments are implemented by the microprocessor 95 controlling the heating control unit 120 and the relative humidity control unit 130

which in turn control the various mechanical and/or electrical devices 150, 160 associated with heating coil 75 and mist humidifier 55, step 240.